

U.S.S.N. 10/525,353

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BALD 0101 PCT

**RECEIVED
CENTRAL FAX CENTER****JAN 29 2007****IN THE SPECIFICATION:**

On page 2 of the English Language translation of the specification, please amend the third full paragraph of the specification to appear as follows:

The invention is characterized by the fact that (a) technically clean short chain alcohol(s) is/are dispersed into the oil(s) or fat(s) present as a liquid raw material and perhaps contaminated with free fatty acids in the presence of a basic or acidic catalyst. In other words, the invention concerns processes for the basic or acid catalyzed acid esterification and/or trans-esterification of fatty acids and/or oils and/or fats, that is the esters of glycerin with fatty acids, through introduction of short chain alcohols. In particular, methyl alcohol, is introduced into the liquid raw material. Further the process uses commercially pure short chain alcohol(s) dispersed into oil(s) or fat(s) present as a liquid raw material and perhaps contaminated with free fatty acids in the presence of a basic or acid catalyst. In one example, methyl alcohol is used as the alcohol and is completely dispersed in the reaction mixture. The dispersion can have a globule size (diameter) of about $[[3]]$ 1 μm , and preferably about 5 μm . Indeed, the dispersion can have a globule size of less than 50 μm , and preferably under 15 μm . In another aspect, the dispersion is produced using a dispersion machine, in particular a multi-stage high power dispersion machine.

On page 2 of the English Language translation of the specification, please amend the fifth full paragraph of the specification to appear as follows:

The invention will be described in more detail below by way of a detailed description of the current State of the Technique and reference to diagrams whereby: Fig. 1 to 5 show different globule size distributions; and Fig. 6 shows dispersion equipment suited to the invention.

On page 2 of the English Language translation of the specification, please add a new paragraph after the heading "Detailed Description" and before the sixth full paragraph of the specification to appear as follows:

Figs. 1 to 5 show the frequency spectra of dispersed globules typically produced by dynamic dispersion equipment. These frequency spectra are dependent upon the intensity of mixing and detailed design of the apparatus used.

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On page 3 of the English Language translation of the specification, please amend the first full paragraph of the specification to appear as follows:

The equipment suitable for the acid esterification and trans-esterification can be determined simply in a series of experiments. The dispersion should preferably comprise of globule sizes (diameters) above ~~[[3]]~~ 1 μm , preferably above 5 μm , and below 50 μm ., preferably below 15 μm . Distributions as shown in Fig. 3 and 4 are particularly advantageous.

On page 3 of the English Language translation of the specification, please amend the second full paragraph of the specification to appear as follows:

Fig. 6 shows the basic construction of dispersion equipment. Fig. 6 shows the rotor 10 and stator 12 for an apparatus suitable for performing the process according to the present invention. In Fig. 6, the rotor 10 is mounted vertically inside the casing/stator 12. Attachments 14 on the rotor are arranged to fit with attachments 16 on the stator and serve to create strong turbulence when rotating. When this construction is compared with the equipment described in WO 99/26913 A1, De 199 08 978 A1, EP 0 249 463 A2, US 4 668 439 A, DE 196 38 460 A1 and DE 100 43 644 A1 then the difference is easily recognizable. In the documents mentioned above, either a static mixer (or a derivative) or a normal mixing vessel are used.